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GEORGIA WILL USE LIME-POZZUOLANA;
EAST KAZAKH BRICK OUTPUT LAGS

NEW CONSTRUCTION MATERIAL PLANT -- Zarya Vostoka, No 100, 24 May 49

The Ministry of Construction Materials Industry Georgian SSR opened a lime-pozzolana cement plant in Tbilisi early this year. The new plant will partially satisfy the demand for binding material for Tbilisi construction projects.

Tbilisi lime-pozzuolana cement will, in many cases, replace the rare and expensive Portland cement. The new building material meets all standard requirements. Experimental tests made by the Tbilisi Scientific Research Institute of Construction, the Research Laboratory of the Ministry of Construction Materials Industry, and the Laboratory of Transcaucasus Metallurgical Construction Trust have all proved satisfactory.

Tbilisi lime-pozzolana cement can be used for the following: as a mixture for building walls and foundations; low-stress concrete hydroengineering structures, protected against frost; manufacture of light concrete blocks; manufacture of concrete and monolithic walls; filling framework and partitions; foundations under woodblock, asphalt, or stone floors in industrial buildings, as well as under cement tile and flagstone floors in homes and public buildings.

NOVOSIBIRSK CEMENT PLANT TOPS PLANS -- Sovetskaya Sibir', No 80, 24 Apr 49

In the first quarter 1949, the Chernorechenskiy Cement Plant, Novosibirsk Oblast, produced 5,000 more tons of cement than in the first quarter 1948. The cost of one ton of cement was 50 percent lower than the planned cost. The plant accelerated the turnover of working capital 18 days, released 272,000 rubles, or 50 percent more than the yearly estimate, of working capital to the State, and saved 200,000 rubles.

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BRICK PLANTS RECONSTRUCTED, EXPANDED -- Sovetskaya Kirgiziya, No 99, 22 May 49

Work has been started on the reconstruction and expansion of brick plants in Kirgizia. Three of the plants are to produce brick the year round. When the reconstruction has been completed, the total capacity of brick plants of the Main Administration of Construction Materials will be increased 1 1/2 times.

PLANTS NOT READY FOR PRODUCTION -- Bol'shevik Altaya, No 75, 27 Apr 49

In 1949, existing brick plants of Vostochno-Kazakhstan Oblast are scheduled to increase brick production 68 percent over 1948. The capacity of kilns and drying area must be increased as much as 65 percent and of press equipment as much as 95 percent. Many of the oblast's plants, however, have not yet been made ready for the season. Capital repair on Brick Plant No 3 of the "Altaystroy" Trust is proceeding slowly. In 1948, on the initiative of Engineer Piskunov of the Central Construction Laboratory of the "Altaystroy" Trust, Plant No 3 produced the first test lot of porous brick. This type of brick proved to be a good building material. Its production is easier and consumes one third less power and raw material. The combine of industrial enterprises of "Altaystroy" Trust should have planned mass production of porous brick this year in Plant No 3, but this plan has not been carried out. Leninogorsk Brick Plant No 2, of the "Altaystroy" Trust has also failed to make preparations for the season.

The brick plant of the Zyryanovsk Mine Administration is meeting less than one fourth of the demand for brick in new construction projects. An attitude prevails against mechanization in this plant as well as in brick plants of the Ust'-Kamenogorsk GES project, the plants in the settlements of Ablakotka and Sogra, the Ust'-Kamenogorsk Brick Plant of the Ministry of Construction Materials Kazakh SSR, and the brick plant of the Irtysh Polymetallic Combine. Machinery in these plants is utilized at as little as one third of capacity and a large part of brick production is still done by hand.

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